

Acetylene Derivatives. 192. The Stereochemistry  
of Hydrogenation of Acetylenic Glycols, by  
I. K. Nazarov, L. D. Bergel'son, L. P. Badenkova, B.  
Lopatkin, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 5, 1958, pp 1132-1143.

Consultants Bureau

Sci - Chem  
Jul 59

93, 259

Acetylene Derivatives. 193. Total Synthesis of  
Isoprenoid Alcohols (Linalool, Geraniol Nerol,  
Nerolidol, Farnesol, Geranylinalool, Geranyl-  
Geraniol and Phytol), by I. N. Nazarov, B. P.  
Gusev, V. I. Gunar, 13 pp.

RUSSIAN, par, Zhur Obshchei Khim, Vol XXVIII,  
No 6, 1958, pp 1444-1457.

Consultants Bureau

95, 758

Sci - Chem  
Sep 59

Simpler Analogs for Corticosteroids. I.  
Stereochemistry of Cyanohydrin and Acetylenic  
Synthesis. Configuration of 1-Cyano- and 1-  
Ethyanyl-2-methylcyclo-hexanois, by I. N. Nazarov,  
A. V. Kazernitskiy, A. A. Akhrem, 9 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII,  
No 6, 1958, pp 1458-1468.

Consultants Bureau

Sci - Chem  
Sep 59

95,759

The Simplest Analogs of Corticosteroids. II. In-  
~~duction~~ duction of Dihydroxycarboxylic, Glyceryl and  
Hydroxylacetone Side Chains Into o-Methylcyclohexanone  
and the Stereochemistry of the Compounds Formed  
Thereby, by I. N. Nazarov, A. A. Akhrem, A. V.  
Kamernitskiy, <sup>15</sup> pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7,  
1958, pp 1791-1804.

Consultants Bur

Sci - Chem  
Sep 59

96,857

A Study in the Field of Stereochemistry of Cyclic  
Compounds. XXVIII Steric Directivity of the Serini  
Reaction in the Cyclohexane Series, by I. N.  
Nazarov, A. A. Akhrem, A. V. Kamernitskiy, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7,  
1958, pp 1805-1810.

Consultants Bur

Sci - Chem  
Sep 59

96,858

Heterocyclic Compounds. 49. Synthetic Pain-Relieving Materials. XI. Esters of 1-Carbal-koxyalkyl-2,5-dimethyl-4-piperidols, by I. N. Kazarov, R. I. Kruglikova, L. A. Bukhtenko, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol 27, No 1, 1957, pp88-93.

Consultants Bureau

Sci - Chem

Jun 58

65,330

Heterocyclic Compounds. 50. Synthetic Pain-Relieving  
Materials. XIII. The Action of Primary-Amines  
on  $\beta$ ,  $\beta$ -Dimethyldivinyl Ketone and 2-Methoxy-  
5-methyl-4-hexene-3-one. The Esters of 1,2,2-  
Trimethyl-4-phenyl-4-piperidol, by I. N. Nazarov,  
S. M. Makin, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, 1957, Vol 27, No 1,  
pp 94-100.

Consultants Bureau

Sci - Chem

Jun 58

65,331

Heterocyclic Compounds. 51. Synthetic Pain-Killing Substances. XIY. Esters of 1,2,5-Tri-methyl-4-phenyl-4-piperidol with Functional Groups on the Acyl Radical. Analogs of Promedol and Isopromedol, by I. I. N. Mazarov, S. A. Makin, A. A. Grapov, 10 pp. M<sub>1</sub>

F.  
RUSSIAN, per, Zhur Obshch Khim, 1957, Vol 27, No 1, 1957, pp 101-109.

Consultants Bureau

Sci - Chem

Jun 58

65,332

Synthetic Anesthetics. XII. Esters of Tertiary  $\gamma$ -  
Dialkylaminopropanols and  $\gamma$ -Dialkylaminobutanols, by  
I. N. Nazarov, and R. I. Kruglikova, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 2, 1957,  
pp 346-358.

4

Consultants Bureau

Sci - Chem

Jul 58

67,221

The Structure of the Hydration Products of  
Divinylacetylene Hydrocarbons, by I. E. Nazarov, I. M.  
Zaretskaya, 22 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957,  
pp 624-646.

Consultants Bureau

Sci - Chem  
Aug 58

69, 179

Derivatives of Acetylene 179. Stereochemistry  
of the Bromination of Acetylenic Alcohols.  
by I. N. Našarov and L. D. Gargel'son, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,  
No 6, 1957, pp 1540-1546.

Consultants Bureau

Sci - Chem

Sep 58

72,922

Heterocyclic Compounds. LIV. Synthesis of  
1-Alkenyl-2,5-Dimethyl-4-Piperidones, by I. M.  
NAZAROV, A. Sh. Sharifkanov, K. F. Danilova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 6,  
1957, pp 1693-1696.

Consultants Bureau

Sci - Chemistry  
Sep 58

73,564

Acetylene Derivatives, 184. Synthesis and Conversion  
of  $\beta$ -Acetoxyketones, by I. N. Hazarov, S. G. Matsoyan  
and S. A. Vartanyan, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,  
1957, pp 1818-1826.

Consultants Bureau

Sci - Chem

Oct 1958

74, 135

Heterocyclic Compounds. 55. Synthetic Analgesic Substances. XVI. Synthesis of 1-Alkenyl-2,5-Dimethyl-4-Phenyl-4-Piperidols and Their Propionic Esters. Analogs of Promedol and Isopromedol. III, by I. N. Nazarov, A. Sh. Sharifkanov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7, 1957, pp 2005-2011.

Consultants Bureau

Sci - Chem  
Oct 58

74, 255

vinyl-  
Acetylene Derivatives. 185. Hydration of Dimethyl-  
ethynylcarbinol Acetate. Synthesis and Conversion  
of Unsaturated  $\alpha$ -Acetoxy Ketones, by Y. I. N.  
Nazarov, S. G. Matsuyan, 12 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8,  
1957, pp 2115-2127.

Consultants Bureau

Sci - Chem  
Oct 58

74, 189

Acetylene Derivatives. 185. Hydration of the  
Acetates of Tertiary Vinylalkyl Carbinols  
Synthesis and Conversion of Unsaturated  $\alpha$ -  
Acetoxy Ketones, by I. N. Kazarov, S. G.  
Matsuyan, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,  
No 8, 1957, pp 2128-2133.

Consultants Bureau

Sci - Chem  
Oct 58

74, 190

Condensation of  $\Delta^3$ -Tetrahydrobenzaldehydes With  
Acetone and Transformation of the Products of  
this Condensation, by I. N. Nazarov, G. P.  
Kogotova, G. A. Laumenokas, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 9,  
1957, pp 2450-2459.

Consultants Bureau

Sci - Chem  
Oct 58

75,161

Acetylene Derivatives. 187. Hydration of Diacetates  
of Acetylenic  $\gamma$ -Glycols. Synthesis of Unsaturated  
 $\alpha$ -Acetoxyketones. III; by I. N. Nazarov, S. G.  
Matsuyan, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10,  
1957, pp 2629-2634.

Consultants Bureau

Sci - Chem  
Jan 59

78,942

Geometric Isomerism of  $\Delta^3$ -Tetrahydroctolualdehyde,  
by I. N. Nazarov, G. P. Kugatova, V. V. Mozolis,  
7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10,  
1957, pp 2635-2643.

Consultants Bureau

Sci - Chem  
Jan 59

78,943

Derivatives of Acetylene. 186. Cyclization of  
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-Diols to Tetrahydrofuran-3-ones, by I. H. Nazarov,  
S. G. Matsuyan, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 11,  
1957, pp 2951-2960.

Consultants Bureau

Sci - Chem

Jan 59

78,790

Acetylene Derivatives. 189. Synthesis and Transformations of 3-Vinylethynyltetra-hydrofuran-3-ols, by I. H. HAZAROV, B. G. MATSOYAN, S. A. VARTANYAN, V. H. ZHAMGORTSYAN, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 11, 1957, pp 2961-2968.

Consultants Bureau

Sci - Chem

Jan 59

78,792

Synthetic Anesthetics, XVII. Esters of 3-Dialkylamino-2-Methyl-1,1-Dialkyl-propan-1-ols; by I. N. Kazakov, L. Z. Kazaryan, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 12, 1957, pp 3302-3308.

Consultants Bureau

Sci - Chem

Mar 59

82,204

Synthetic Anesthetics, XVIII. Amides and Substituted  
Amides of  $\beta$ -Methylaminoisobutyric and some Aromatic  
Acids, by I. N. Masarov, L. Z. Kazaryan, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XIVII, No 12, 1957,  
PP 3309-3313.

Consultants Bureau

Sci - Chem

Mar 59

82,209

Acetylene Derivatives. 170. Heterocyclic Compounds.  
XXI. Synthesis and Transformations of Hetero-  
cyclic Acetylenic  $\gamma$ -Glycols, by I. N. Basarov,  
L. M. Ivanova, 14 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 1,  
1956, pp 78-94. CIA 9000404 C, Reel No 21

Consultants Bureau

38,636

Sci - Chemistry  
Sep 56 GTS

Acetylene Derivatives. 171. Heterocyclic Com-  
pounds. XXXII. Hydration of Heterocyclic Alcohols  
and Glycols of the Acetylene Series, by I. N. Nazarov,  
L. N. Ivanova, 6 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 1,  
1956, pp 186-190. CIA 9000404 C, Reel No 21

Consultants Bureau

38,610

Sci - Chemistry  
Sep 56 GTS

Synthesis of Steroid Compounds and Related Substances.  
XXXIV. 9-Methyl-1,6-Diketo- $\alpha^5$ -Octahydronaphthalene,  
by I. N. Masakov, S. I. Zavylov, M. S. Burmistrova,  
I. A. Gurvich, and L. I. Shmonina, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 2,  
1956, pp 441-444. CIA 9007072 C, Reel No 64

Consultants Bureau

Sci - Chemistry  
Dec 56 CTS

41,696

Heterocyclic Compounds. 35. Condensation of Tetrahydro- $\gamma$ -Pyrone and Tetrahydro- $\gamma$ -Thiopyrones with Organomagnesium and -Lithium Compounds, by I. N. Nazarov, and E. T. Golovin, 6 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 2, 1956, pp 477-482. CIA 9007073 C, Reel No 64

Consultants Bureau

Sci - Chemistry  
Dec 56 CTS

41,705

Heterocyclic Compounds. 36. The Mannich Reaction  
with Heterocyclic Ketones ( $\gamma$ -Piperidones, Tetrahydro- $\gamma$ -  
Pyrone and Tetrahydro- $\gamma$ -Thiopyrones), by  
I. N. Nazarov, and E. T. Golovin, 8 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol LXVI, No 2,  
1956, pp 483-490. CIA 9007073 C, Reel No 64

Consultants Bureau

Sci - Chemistry  
Dec 56 CTS

41,706

Acetylene Derivatives. 172. The Mannich Reaction  
With  $\beta$ -Cyanosthyl Ethers of Acetylenic Alcohols,  
by I. N. Nazarov, G. A. Shvetzgeimer, 6 pp.

Full Tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI,  
No 3, 1956, pp 613-618.

Consultants Bureau

Sci - Chemistry  
Jan 57 CEB

42,535

The Synthesis of Steroids and Related Compounds.  
XIII. Condensation of Halogen Derivatives of the  
Allyl Type With Cyclic 1,3-Diketones and Inter-  
molecular Cyclization (with Loss of Water) of the  
Resultant Compounds, by I. N. Zamirov, S. N.  
Antuchenko, I. V. Torgov, 12 pp.

Full Tr

RUSSIAN, no pag, Zhur Obshch Khim, Vol XXVI, No 3,  
1956, pp 819-831.

*Pansdoc - Tr. 163*

Consultants Bureau

*42,528*

Sci - Chemistry  
Jan 57 OCS

Heterocyclic Compounds. 37. Synthesis of  
Heterocyclic ~~AMINOALCOHOLS~~ and Their Esters, by  
Aminoalcohols

I. N. Masarov, E. T. Galevin, 6 pp.

Full Tr

RUSSIAN, no par, Zhur Zhurzh Khim, Vol XXVI,  
No 3, 1956, pp 892-898.

Consultants Bureau

Sci - Chemistry  
Jan 57 CBS

42,530

Synthesis of Steroid Compounds and Substances Related to Them. XXXII. Stereochemistry of the Hydrogenation and Reduction of 6,9-Dimethyl-1-Keto- $\Delta^4(10)$ ,5-Hexahydronaphthalene, by I. N. Masarov, S. N. Ananchenko, I. V. Torgov, 10 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 4, Apr 1956, pp 1175-1185.

Consultants Bureau

Sci - Chemistry  
Feb 1957 CTS/dax

43,676

Synthesis of Steroid Compounds and Substances ~~Ext~~  
Related to Them. XXXIII. The Simpler Analogs of  
Corticosteroids. 1. Methods of Introducing the Di-  
hydroxyacetone, Glycerol and Dihydroxypropanecar-  
boxylic Side Chains in Cyclic Compounds, by I. N.  
Masarov, A. A. Akhrom, 14 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4,  
Apr 1956, pp 1186-1200.

consultants Bureau

Sci - Chemistry  
Feb 1957 CRS/dax

43,677

Synthesis of Polycyclic Compounds Related to the Steroids. XXXV. Condensation of Cyclic Allyl Halo-Derivatives With Cyclic 2-Methyl-1,3-diketones and Intramolecular Cyclization of the Resultant Compounds to Ketones Containing the Hydrogenated Skeleton of Phenanthrene, Chrysene and Cyclopentanophenanthrene With an Angular Methyl Group, by I. N. Nazarov, G. P. Berkholetova, S. N. Ananchenko, I. V. Torgov, G. V. Aleksandrova, 12 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5, May 1956, pp 1482-1495.

Consultants Bureau

Sci - Chemistry  
May 57

47, 317

Heterocyclic Compounds. 38. Synthetic Spasmolytics.  
Preparation of 4-Aminopiperidines by Reductive  
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E. T. Golovin, 12 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5,  
May 1956, pp 1496-1507.

Consultants Bureau

Sci - Chemistry  
May 57

47, 318

Heterocyclic Compounds. 39. Synthetic Anesthetics.  
IV. Esters of 1,2,5-Trimethyl-4-Phenyl-4-Piperidol  
With Aliphatic Acids. Synthesis of Promedol and  
Isopromedol, by I. N. Nazarov, N. S. Prostakov, N. I.  
Shvetsov, 14 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,  
Oct 1956, pp 2798-2811.

Consultants Bureau

Sci - Chemistry  
Mar 58

60,118

Heterocyclic Compounds. 40. Synthetic Anesthetics. V.  
Esters of 1,2,5-Trimethyl-4-Phenyl-4-Piperidol With  
Aromatic Acids, by I. N. Nazarov, N. S. Prostakov, ~~XXXX~~  
~~XXXXXXXXXXXX~~ N. N. Milheyeva, O. A. Shavrygina, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,  
Oct 1956, pp ~~2812-2819~~ 2812-2819,

Consultants Bureau

Sci - ~~XXXXXXXX~~ Chemistry  
Mar 58

60,119

Heterocyclic Compounds. 41. Synthetic Anesthetics.  
VI. Esters of 1,2,5-Trimethyl-4-Aryl-4-~~azepane~~-Piperidols,  
by I. N. Nezarov, N. S. Prostakov, Zh. A. Krasnaya, N.  
N. M'kheyva, 14 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,  
Oct 1956, pp ~~2820-2833~~ 2820-2833,  
~~2820-2833~~

Consultants Bureau

Sci - ~~HEX~~ Chemistry  
Mar 58

60,120

Heterocyclic Compounds. 42. SK Synthetic Anesthetics  
VII. Esters of Tertiary and Secondary 4-Piperidols,  
by I. N. Nazarov, N. S. Prostakov, 10 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,  
Oct 1956, pp 2834-2843.

Consultants Bureau

Sci - Chemistry  
Mar 58

60,121

Heterocyclic Compounds. 43. Synthetic  
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Alkyl-2,5-dimethyl-4-phenyl-4-piperidinols,  
by I. N. Mazarov, N. I. Shvetsov, C. I.  
Sorokina, 12 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol  
XXVI, No 11, 1956, pp 3157-3169.

Consultants Bureau

Sci - Chem  
Jul 58

67,595

Heterocyclic Compounds. 44. Synthetic  
Pain-Relieving Substances. IX. Esters  
of 1-Alkyl-2,5-dimethyl-4-phenyl-4-  
piperidinols. Homologs of Promedol and  
Isopromedol, by I. N. Nazarov, N. I.  
Shvetsov, 12 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol  
XXVI, No 11, 1956, pp3170-3180.

Consultants Bureau

Sci - Chem

Vol 58

67.596

Heterocyclic Compounds. 45. Cyanhydrins of  $\gamma$ -  
Piperidones, Tetrahydro- $\gamma$ -pyrones and Tetrahydro-  
 $\gamma$ -thiopyrones. Stereochemistry of the  
Cyanhydrin Synthesis, by I. N. Mazarov, B. V.  
Unkovskiy, 10 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol  
XXVI, No 11, 1956, pp 3181-3190.

Consultants Bureau

Sci - Chem  
Jul 58

67,597

Heterocyclic Compounds. 46. Hydrolysis and Alcoholysis of  $\beta$ -7-Piperidones, Tetrahydro- $\beta$ -pyrones, and Tetrahydro- $\gamma$ -thiopyrones. Synthesis of 1-Alkyl-2,5-dimethyl-4-carbalkoxy-4-piperidols, by I. N. Nazarov, B. V. Unkovsky, 14 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXVI, No 12, 1956, pp 3486-3499.

Sci - Chemistry  
Jul 58

68,582  
A Consultants Bureau

Heterocyclic Compounds. 47. Synthetic  
Anesthetic Substances. X. Esters of 1,2,5-  
Trimethyl-4-carbalkoxy-4-piperidols. New  
Synthetic Analogs of  $\alpha$ -Cocaine and  $\epsilon$ -  
Eucaine, by I. N. Nazarov, ~~7/1/58~~ R. V.  
Unkovsky, Yu. B. Volkenstein, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,  
No 12, 1956, pp 3500-3509.

Consultants Bureau

Sci - Chemistry  
Jul 58

68,583

Heterocyclic Compounds. 48. 1-Carboalkoxy-  
alkyl-2,5-dimethyl-4-piperidones, by  
I. W. Nazarov, T. V. Sheremeteva, R. I.  
Kruglikova, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,  
No 12, 1956, pp 3510-.

Consultants Bureau

Sci - Chemistry  
Jul 58

68,584

Structural Directability of the Diene Synthesis, by I. N. Vazarov, A. I. Kuznetsova, E. V. Kuznetsov, 16 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 1, Jan 1955, pp 88-108. CIA D 151342

Consultants Bureau

Scientific - Chemistry

24,539 Jun 55

Derivatives of Acetylene. 162. Synthesis and Transformations of Methylbutoxyethylvinylethynealcohol, by S. A. Vartanyan, V. N. Zhamagortyan, I. N. Nazarov, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim. Vol XIV, No 1, Jan 1955, pp 109-113. CIA D 151342

Consultants Bureau

Scientific - Chemistry

24,541  
Jun 55

The Dimerization of Isoprene, by I. N. Nazarov, A. I. Kuznetsova, N. V. Kuznetsov, 12 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 2, 1955, pp 307-319. CIA D 151348

Consultants Bureau

Scientific - Chemistry

25,401

Dimerization of Trans-Piperylene, by I. N. Nazarov,  
N. V. Kusnetsov, A. I. Kusnetsova, 8 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim. Vol XXV, No 2,  
1955, pp 320-328. CIA D 151348

Consultants Bureau

Scientific - Chemistry

*25,402*

Derivatives of Acetylene. 166. Cyanoethylation  
of Acetylene Alcohols, by I. N. Nazarov, G. A.  
Shvekhgeymer, 6 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXV, No 3,  
USSR, Mar 1955, pp 504-507. CIA C 39388

Consultants Bureau

Scientific - Chemistry  
CTS 74/Nov 55

27,966

Cyclic  $\beta$ -Diketones in Addition Reactions, by  
I. N. Nazarov, S. I. Zavyalov, 8 pp.

~~RUSSIAN~~, mo per, Zhur Obshch Khim, Vol XXV, No 3,  
USSR, Mar 1955, pp 508-516. CIA C 39388

Consultants Bureau

Scientific - Chemistry  
CIS 74/Nov 55

27,959

Acetylene Derivatives. 167.  $\alpha$ -Keto Oxides and their Transformations. IV. The Oxides of 2-Methyl-1, 4-hexadien-3-one, 5-Methoxy-2-methyl-1-hexen-3-one and 1-Methoxy-2-methyl-4-hexen-3-one, by I. N. Nazarov, A. A. Akhrem, I. G. Tishchenko, 14 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV, No 4, Apr 1955, pp 708-724. CIA C 39500

Consultants Bureau

Scientific - Chemistry  
Nov 55 CRS/DEX

48,884

Acetylene Derivatives. 168.  $\alpha$ -Keto Oxides and their Transformations. V. The Oxides of 1, 4-Hexadien -3-one, 5-Methyl-2,5-heptadien-4-one and 2-Methoxy-5-Methyl-5-Hepten-4-one, by I. N. Nazarov, A. A. Akhrem I. G. Tishchenko, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV, No 4, Apr 1955, pp 725-733. CIA C 39500

Consultants Bureau

Scientific - Chemistry  
Nov 55 CTS/DEX

28,885

Synthesis of Steroid Compounds and Related Substances. XXVIII. The Condensation of Acetylene With 9-Methyl-1,6-diketo- $\Delta^5$ -octahydronaphthalene. The Synthesis and Transformations of  $\beta$  9-Methyl-1-ethynyl-1-hydroxy-6-keto- $\Delta^5$ -octahydronaphthalene, by I. N. Mazarov, I. A. Gurvich, 12 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 5, 1955, pp 956-969.

Consultants Bureau

Scientific - Chemistry

41,373

Acetylene Derivatives, 169. Hydration of Vinyl  
acetylenic Hydrocarbons in Solutions of Alcohols  
and Phenols, by I. N. Nazarov, S. A. Vartanyan,  
S. G. Mats'yan, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 6, 1955, pp 1111-1116.

Consultants Bureau

41,334

Scientific - Chemistry

The Action of Acetone and Primary Amines on  
Alkyl Ketones, by I. N. Nazarov, S. A.  
Vartanyan and V. N. Zhanagortsyan, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 6, 1955, pp ~~812-813~~ 1117-1123:

Consultants Bureau

*41, 336*

Scientific - Chemistry

④  
Preparative Method of the Synthesis of Cyanohydrins,  
by I. N. Nazarov, A. A. Akhrem, A. V. Kamernitsky,  
6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 7,  
1955, pp 1345-1350. CIA C 42051

Consultants Bureau

Scientific - Chemistry  
May 56 CRB/dex

34, 250

Synthetic Anesthetic Substances. I. Esters of 1-Alkyl-1-phenyl-3-dialkylaminopropanols-1, by I. N. Nazarov, E. N. Chekasova, 12 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XIV, No 8, Aug 1955, pp 1536-1549. CIA C 42156.

Consultants Bureau

Sci - Chemistry

35,093

Jun 1956/Dex

The Synthesis of Steroid Compounds and Related Substances. XXX. The Stereo-chemistry of the Acetylene Synthesis With Bicyclic Ketones. Hydration of Bicyclic Acetylenic ~~XXXXX~~ Alcohols, by I. N. Nazarov, I. A. Savich, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 9, Sep 1955, pp 1723-1730. CIA ~~XXXXX~~ C 42158.

Sci - Chemistry

Consultants Bureau

35, 023

Jan 1956/Dex

Synthetic Anesthetics. II. Esters of 1-Alkyl-  
1-Phenyl-3-(N-Piperidyl)-Propan-1-ols, by I. N.  
Esarov, E. M. Cherkasova, 79 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXV, No 10,  
1955, pp 1935-1942. CIA 542765-C, reel 3.

37,470

Consultants Bureau

Scientific - Chemistry  
Aug 56 CTR

Synthetic Analgesics. III. Esters of 1-Phenyl-1-Alkyl-  
2-Methyl-3-Dialkylaminopropan-1-ols, by I. I. Nazarov,  
E. M. Cherkasova, 8 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXV, No 11,  
1955, pp 2121-2126. CIA 542766-C, reel 3.

Consultants Bureau

Scientific - Chemistry  
Aug 56 CTS

37,610

Heterocyclic Compounds. XXXIII. Synthesis of  
1-Alkyl-2,5-dimethyl-4-piperidones, by I. N.  
Mazakov, E. M. Cherkasova, N. S. Prostakov,  
E. I. Shvetsov, 10 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 12, 1955, pp 2245-2254. CIA 542770-C,  
real 4.

37,778

Consultants Bureau

Sci - Chemistry

Aug 56

Acetylene Derivatives. 165 Treatment of Acetylenic Alcohols and Glycols With Acrylonitrile, by I. H. Nazarov, G. A. Shvekhgeimer, 7 pp.

Full translation

RUSSIAN, per, Zhur Obshch Khim, Vol XXIV, No 1, USSR, Jan 1954, pp 157-162. CIA D 151105

Consultants Bureau

Scientific - Chemistry

CTS 66/Mar 55

21,917

The Cyanethylation of Cyclic and Heterocyclic Alcohols and Amines. Hydrogenation and Alcoholysis of the Cyanethylation Products, by I. N. Nazarov, G. A. Shvekhgeimer, 6 pp.

Full translation

RUSSIAN, per, Zhur Obshch Khim, Vol XXIV, No 1, USSR, Jan 1954, pp 163-168. CIA D 151105

Consultants Bureau

Scientific - Chemistry

CTS 66/Mar 55

*21,918*

Cyanoethylation of Cyclic and Heterocyclic  
Alcohols and Amines; Hydrogenation and Alcoholysis  
of Cyanoethylation Products, by I.N. Bazarov,  
G. A. Shvekhguzova, 89 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIV, No. 1  
1954, pp 163-169.

CIA/PDD/X-1588

22,863

Scientific - Chemistry Apr 55 CTR

Cyanethylation of Cyclic and Heterocyclic Ketones  
Reduction and Cyclization of the Cyanethylation  
Products, by I. N. Nazarov, G. A. Shvekhgeyer,  
V. A. Rudenko, ~~11 pp.~~

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 2,  
USSR, Feb 1954, pp 319-328. CIA D 151278

Consultants Bureau

Scientific - Chemistry

CTS 67/Apr 55

22,920

Hydrolysis, Alcoholysis and Hydrogenation of  
 $\beta$ -Cyanethyl Ethers of Glycols, by I. N. Nazarov,  
G. A. Shvekhgaysr, V. A. Rudenko, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 2,  
USSR, Feb 1954, pp 329-336. CIA D 151278

Consultants Bureau

Scientific - Chemistry

CTS 67/Apr 55

22,921

*α*-Hydroxyisobutyronitrile as a Source of  
Hydrocyanic Acid in Addition Reactions, by  
I. N. Nazarov, S. I. Zavyalov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 3,  
USSR, Mar 1954, pp 466-468. CIA D 151317

Consultants Bureau

Scientific - Chemistry

22,829 CTS 68/May 55

Cyanoethylation of Cyclic  $\beta$ -Diketones, by I. N. Nazarov, S. I. Zavyalov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 3, USSR, Mar 1954, pp 469-473. CIA D 151317

Consultants Bureau

Scientific - Chemistry

23,830

CTB 68/May 55

Derivatives of Acetylene. 161. Synthesis and Trans-  
formations of Methyl- $\beta$ -Ethoxyethyl-vinylethynylcarbinol  
by I. N. Nazarov, S. A. Vartanyan, V. N. Zhasagortyan,  
6 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIV, No 11,  
1954, pp 1953-1958. CIA 542761-C; reel 3.

Consultants Bureau

Sci - Chemistry

37,728

Aug 56 NK CTS

Derivatives of Acetylene. 153. Diene Condensation  
of 1-Vinyl- $\Delta^1$ -cyclohexene with Methacrylic Acid,  
Methyl Methacrylate, Acrolein,  $\beta, \beta$ -Dimethyldivinyl  
Ketone, and Crotonic Acid, by I. N. Nazarov, T. D.  
Nagibina, 12 pp, UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4,  
April 1953, pp 577-586.

Consultants Bureau Tr

Scientific - Chemistry

13, 206

Acetylene Derivatives. 154. Polycyclic Hydrocarbons Related to the Steroids. XXVI. Structure of the Bicyclic Ketones Prepared by the Diene Condensation of 1-Vinyl- $\Delta^1$ -cyclohexene With 1, 3-Dimethyl- $\Delta^1$ -cyclopentene-5-one, by I. M. Kazarov, T. D. Nagibina, 10 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 5, 1953, ~~издатель~~ pp 801-810. CIA D 182358

Consultants Bureau

Scientific - Chemistry

CTS/DEX

17,636

Synthesis of Steroid Compounds and Related Substances. XVII. Condensation of Cyclic  $\beta$ -Diketones With Vinyl Ketones and Transformations of the Products of This Condensation. II, by I. N. Nazarov, S. I. Zavyalov, 9 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 10, USSR, Oct 1953, pp 1703-1711.  
CIA D151002

Consultants Bureau

Scientific - Chemistry

20,589

CTS 64/Jan 55

Derivatives of Acetylene 160. Condensation of Aldehydes and Ketones With Acetylene Under Pressure. A New Procedure for Synthesis of Acetylenic Alcohols, by I. N. Masarov, I. L. Kotlyarevsky, and V. F. Ryabchenko, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11, 1953, pp 1900-1904. CIA D151246

Consultants Bureau *RJ-218*

Scientific - Chemistry    Apr 55 GTS    *22,629*  
*ATS-RJ218*

Acetylene Derivatives. 164. The Action of Primary and Secondary Amines on Tetrahydro-4-Pyrones, by I. N. Nazarov, S. G. Matsuyan, S. A. Vartanyan, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 12, 1953, pp 1990-1993. CIA D 151308

Consultants Bureau

Scientific - Chemistry  
May 55 CTS

23,346

Acetylene Derivatives. 163. The Hydration of  
Vinylacetylene in Alcoholic Solutions, by I. H.  
Haganov, S. A. Vartanyan, S. G. Matsoyan, V. N.  
Zhamagortayan, 4 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIII,  
No 12, 1953, pp 1986-1989. CIA D 151308

Consultants Bureau

Scientific - Chemistry  
May 55 CTS

23, 353

Derivatives of Acetylene. 130. Synthesis of Polycyclic Compounds VIII. Condensation of 1-Vinyl<sup>2</sup>  $\epsilon$ -cyclohexene With  $\epsilon$ -Cyclohexanone, by I. N. Bakarov, I. V. Torgov, M. V. Kuvarzina, 8 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 2, Feb 1952, pp 220-227. CIA D 182344

Consultants Bureau  
152 West 42nd Street  
New York 18, N.Y.

Scientific - Chemistry May 53 CTS 1973

Derivatives of Acetylene.131. XIII<sup>131</sup> Synthesis of  
Polycyclic Compounds IX. Condensation of Di-  
1-cyclohexenyl With  $\alpha,\beta$ -Unsaturated Cyclic  
Ketones, by I. N. Kazarov, I. V. Torgov, 8 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 2,  
Feb 1952, pp 228-243. *CIA D 182344*

Consultants Bureau  
152 West 42nd Street  
New York 18, N.Y.

Scientific - Chemistry May 53 CTS

*1974*

Derivatives of Acetylene. 132.  $\alpha$ -Ketonic Ethers and Their Transformations. III. The Monoether of  $\beta,\beta$ -Dimethyl Divinyl Ketone. Oxidation of Vinyl Isobutyl Ketone and Ethyl Isobutenyl Ketone with Alkaline Hydrogen Peroxide, by I.N. Nazarov and A.A. Akhrem, 5 pp.

Full Translation.

RUSSIAN, no per, Zhur. Obshch Khim, Vol XXII, No 3, USSR, Mar 1952, pp 442-449. CIA D 182345

Consultants Bureau

Scientific - Chemistry

7512

Dec 53 CTS

Derivatives of Acetylene. 133. Synthesis of Polycyclic Compounds Related to the Steroids. X. The Diene Condensation of 2-Methoxy-1,3-butadiene with  $\Delta^1$ -Cyclohexen-6-one, by I.N. Nazarov and L.D. Bergelson, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obsch Khim, Vol XXII, No 3,  
USSR, Mar 1952, pp 449-454. CIA D 182345

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7513

Derivatives of Acetylene. 134. The Condensation of  
Tetraethylbutynediol and 2,5-Dimethyl-1,5-hexadien-  
3-yne with Phenol in the Presence of Phosphoric Acid,  
by I.N. Nazarov and A.I. Kakhiashvili, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3,  
USSR, Mar 1952, pp 454-462. *CIA D 182345*

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

*7514*

Derivatives of Acetylene. 135. Rearrangement of An  
Allylic System. V. Exchange Reaction of  $\delta,\delta'$ -Dialkyl-  
allyl Chloride With Amines, Potassium Cyanide, and  
Salts of Organic Acids, by I. N. Hazarov, V. H. Rakcheev  
and L. I. Shmonina, 5 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,  
USSR, Apr 1952, pp 611-616. CIA D 182346

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7552

Derivatives of Acetylene. 136. Condensation of 5-Methyl-1,3-hexadien-5-ol and 5-Methylhexan-5-ol With Phenol in the Presence of Phosphoric Acid, by I. M. Nazarov and ~~XXXXXXXXXXXXXX~~ A. I. Kakhnashvili, 5 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4, USSR, Apr 1958, pp 617-622.

CIA D 182346

7550

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

Derivatives of Acetylene. 137. Heterocyclic Compounds. XIII. The Reaction of 4-Piperidones With Primary Amines. Synthesis of 4-Imino- and 4-Aminopiperidines, by I. N. Nazarov and V. A. Rudenko, 8 pp.

Full translation

RUSSIAN, no ~~12~~ per, Zhur Obshch Khim, Vol XXII, No 4, USSR, 4 Apr 1952, pp ~~617-623~~-631. CIA D182346

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7546

Derivatives of acetylene. 138. Heterocyclic  
Compounds. XIV. Synthesis of Secondary  $\beta$ -Piperidols  
by Reducing  $\beta$ -Piperidones, by I. N. Nazarov and  
V. A. Ruderko, 5 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 5,  
May 1952, pp 829-834. *CIA D 182347*

Consultants Bureau

Sci - Chem

Dec 53 CTS

7436

Derivatives of Acetylene. 139. Heterocyclic compounds. XV. Synthesis of Thiopyran Acids by Condensing Tetrahydro- $\gamma$ -thiopyrones With Ethyl Cyanacetate and Bromoacetate, by I. N. Nazarov and A. I. Kuznetsova, 12 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 5,  
May 1952, pp 835-846.

CIA D 182347

Consultants Bureau

Sci - Chem

Doc 53 CIB 7437

Derivatives of Acetylene. 140. Heterocyclic Compounds.  
XVI. Synthesis of Sulfur Analogs of Steroids Con-  
taining a  $\beta$  Thiopyran Ring, by I. B. Masarov, I. A.  
Gurvich, and A. I. Kuznetsova, 3 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 6,  
Jun 1952, pp982-983.

Consultants Bureau

Sci - Chem

Dec 53 CTS

7354

Derivatives of Acetylene. 141. Heterocyclic Compounds. XVII. The Structure of Tetrahydro- $\gamma$ -thiopyrones and the Mechanism of Their Formation. Kishner Reduction of Tetrahydro- $\gamma$ -thiopyrones, by IK I. B. Nazarov, I. A. Gurvich, and A. I. Kuznetsova, 5 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 6, Jun 1952, pp 984-989.

Consultants Bureau

Sci - Chem

7357

Dec 53 CTS

Derivatives of Acetylene. 1b2. Heterocyclic Compounds. XVIII. Diene Synthesis Based Upon Dioxides of Disubstitution Derivatives of  $\gamma$ -Thiopyrones, by I. N. Nazarov, I. A. Gurvich, and A. I. Kuznetsova, 7 pp.

Full translation

RUSSIAN, no per, Zhur. Obshch. Khim., Vol XXII, No 6, Jun 1952, pp 990-998.

Consultants Bureau

Sci - Chem

Dec 53 CTS

7358

The Catalytic Conversion of Cyclohexanone and  
1,3-Dimethylcyclopentan-~~5~~one over Alumina, by  
I.N. Hazerov, I.L. Kotlyarevsky, and H.V. Kuznetsov,  
3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 7,  
Jul 1952, pp 1147-1149.

Consultants Bureau

USSR  
Scientific - Chemistry

Feb 54 CTS

9702

Derivatives of Acetylene. 143. Heterocyclic  
Compounds. XIX. Steric Isomerism in the Hydrogenated  
Thiochromanones, by I.N. Nazarov, I.A. Gurvich, and  
A.I. Kuznetsova, 7 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXII, No 7,  
Jul 1952, pp 1236-1243.

Consultants Bureau

USSR  
Scientific - Chemistry

Feb 54 CTS

9719

Acetylene Derivatives. 144. Heterocyclic Compounds.  
XX. Stereoisomerism in the Hydrogenated Thiochro-  
manone Series. II. I. N. Hazarov, I. A. Gurvich, and  
XXX A. I. Kuznetsova, 5 pp.

RUSSIAN, no per, Zhur Obsch Khim, Vol XXII,  
No 8, Aug 1952, pp 1405-1409.

Consultants Bureau

Sci - Chemistry

Feb 54 CTS

9855

Acetylene Derivatives. 145. Heterocyclic Compounds.  
XXI. Synthesis and Transformations of 1,2,6,6-  
Tetramethyl-7-oxa-4-ketodecahydroquinoline, by I. N.  
Nazarov and S. A. Vartanyan, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII,  
No 8, Aug 1952, pp 1410-1416.

Consultants Bureau

Sci - Chemistry

Feb 54 CTS

9856

V  
Derivatives of Acetylene. 146. Heterocyclic Compounds. XXII. Reaction of Primary Amines With 1,5-Dimethoxyhexane-3-one and With 7-Methoxy-5-isobutyl-1,5-heptadiene-4-one, by I. N. Bararov, S. A. Vartanyan, 8 pp. UNCLASSIFIED

RUSSIAN, no per, Zhur Obshch Khim, No 9, 1952, pp 1668-1676.

Consultants Bureau

Scientific - Chemistry

16,980

CTS/DEX

Acetylene Derivatives. 147. Synthesis of  $\beta$ -Amino  
Ketones by the Action of Secondary Amines on  $\beta$ -Methoxy  
Ketones, by I. N. Nazarov, S. A. Vartanyan. 10 pp.

RUSSIAN, ~~KHE~~ no per, Zhur Obshch Khim, Vol XXII, No 10,  
1952, pp 1794-1803

Consultants Bureau

Scientific - Chemistry

14,482

HAZAROV, I. N.  
VARTANYAN, S. A.

DERIVATIVES OF ACETYLENE 125. SYNTHESIS BASED ON  
DIVINYLAACETYLENE. TRANSFORMATIONS OF 2-METHYL-4-VIN-  
YL-TRIMYL-4-PYRIDOL

9 PAGES *pp 374-382*

RUSSIAN, Zhur Oshch Khim. Vol XII, No 2 Feb, 1951

*CIA D 182337*

Consultants Bureau Translation

*A8368*

NAZAROV, I. N., KUZNETSOVA, A. I., and GURVICH, I. A.

Derivatives of Acetylene. 106. Research on Hetero-  
cyclic Compounds. X. Condensation of Vinylacetylene  
with Tetrahydro- $\gamma$ -Thiopyrones Synthesis of 4-Vinylethy-  
nyltetrahydrothiopyran-4-Ols.

Zhur Obshch Khim, Vol XX, No 2, 1950 (Feb), pp 399-405

Consultants Bureau Translation

4-3806

Acetylene Derivatives 107. Synthesis of Polycyclic Compounds and of Related Steroids. IV. Diene Condensation of 1,3-dimethyl - 1-cyclopentene-5-one and of 1,3-dimethyl- cyclopentens-4,5-dione, with alpha- and beta-vinyl-octahydro naphthalenes , by I.N. Nazarov, T.D. Nagibina, 18 pp.

RUSSIAN, Zhurnal obshchei khimii, 20(3), 1950, pp 531-538. *CIA D 182334*

*OTS 61-28014*

CIA/FDD X-461

Tr Trans Natl Inst Health, Bethesda, Md.

*RT-655 A-8298*

*also: Consultant Russian Jr. pp 561-568?*

Acetylene Derivatives 109. Synthesis of Polycyclic  
Compounds Related to the Steroids. VI. Complete  
Synthesis of the Isomer 15-methyl androsten-3,17-dione  
With the Methylcyclopentane Ring B, by I. N. Bazarov,  
L. N. Terekhova, L. D. Barga'lon. 23 pp.

Obshch,

RUSSIAN, per, Zhur ~~XXXX~~ Khim, Vol XI, No 4, 1950,  
pp ~~66-870~~. 697-707 CIA D 182335

Consultants Bureau Tr  
CIA/6111 X-522

15,877

Scientific - Chemistry

Acetylene Derivatives. 108. Synthesis of Polycyclic  
Compounds Related to Steroids. V. Total Synthesis of  
a Steroid of 15 Methyl-androstenedione, by I. N.  
Bazroy, L. D. Bergel'son.

RUSSIAN, no per, Zhur Obshch Khim, Vol XX, No 5, 1950.

pp 685-696

CIA D 182335

ABC Tr 362  
Consultants Bureau  
NII  
CIA/FDD/x-521

15,878